SP 23 MM &

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<213> Mus musculus

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Gln Trp Tyr Arg Phe Ala Glu Ile Arg Tyr His Arg Pro Glu Glu Thr His Lys Gly Arg Thr Val Pro Ala His Val Glu Thr Val Val Leu Phe Phe Pro Asp Val Trp His Cys Leu Pro Thr Arg Ser Glu Trp Glu Thr Leu Ser Arg Gly Tyr Lys Gln Gln Leu Val Glu Lys Leu Gln Gly Glu Arg Lys Lys Ala Asp Gly Glu Gln Asp Glu Glu Glu Lys Asp Asp Gly Glu Val Lys Glu Ile Ala Thr Pro Thr His Trp Ser Lys Leu Asp Pro Lys Ala Met Lys Val Asn Asp Leu Arg Lys Glu Leu Glu Ser Arg Ala Leu Ser Ser Lys Gly Leu Lys Ser Gln Leu Ile Ala Arg Leu Thr Lys Gln Leu Lys Ile Glu Glu Gln Lys Glu Gln Lys Glu Leu Glu Lys Ser Glu Lys Glu Glu Glu Asp Glu Asp Asp Lys Lys Ser Glu Asp Asp Lys Glu Glu Glu Arg Lys Arg Gln Glu Glu Val Glu Arg Gln Arg Gln Glu Arg Arg Tyr Ile Leu Pro Asp Glu Pro Ala Ile Ile Val His Pro Asn Trp Ala Ala Lys Ser Gly Lys Phe Asp Cys Ser Ile Met Ser Leu Ser Val Leu Leu Asp Tyr Arg Leu Glu Asp Asn Lys Glu His Ser Phe Glu Val Ser Leu Phe Ala Glu Leu Phe Asn Glu Met Leu Gln Arg Asp Phe Gly Val Arg Ile Tyr Lys Ser Leu Leu Ser Leu Pro Glu Lys Glu Asp Lys Lys Asp Lys Glu Lys Lys Ser Lys Lys Glu Glu Arg Lys Asp Lys Lys Glu Glu Arg Glu Asp Asp Ile Asp Glu Pro Lys Pro Lys Arg Arg Lys Ser Gly Asp Asp Lys Asp Lys Lys Glu Asp Arg Asp Glu Arg Lys Lys Glu Glu Lys Arg Lys Asp Asp Ser Lys Asp Asp Asp Glu Thr Glu Glu Asp Asn Asn Gln Asp Glu Tyr Asp Pro Met Glu Ala Glu Glu Ala Glu Asp Glu Asp Asp Asp Arg Glu Glu Glu Val Lys Arg Asp Asp Lys Arg Asp Val Ser Arg Tyr Cys Lys Asp Arg Pro Ala Lys Asp Lys Glu Lys Glu Lys Pro Gln Met Val Thr Val Asn Arg Asp Leu Leu Met Ala Phe Val Tyr Phe Asp Gln Ser His Cys Gly Tyr Leu Leu Glu Lys Asp Leu Glu Glu Ile Leu Tyr Thr Leu Gly Leu His Leu Ser Arg Ala Gln Val Lys Lys Leu Leu Asn Lys Val Val Leu Arg Glu Ser Cys Phe Tyr Arg Lys Leu Thr Asp Thr Ser Lys Asp Asp Glu Asn His Glu Glu Ser Glu Ala Leu Gln Glu Asp Met Leu Gly Asn Arg Leu Leu Leu Pro Thr Pro Thr Ile Lys Gln Glu Ser Lys Asp Gly Glu Glu Asn

1015 1010 1020 Val Gly Leu Ile Val Tyr Asn Gly Ala Met Val Asp Val Gly Ser Leu 1030 1035 Leu Gln Lys Leu Glu Lys Ser Glu Lys Val Arg Ala Glu Val Glu Gln 1045 1050 Lys Leu Gln Leu Leu Glu Glu Lys Thr Asp Glu Asp Gly Lys Thr Ile 1060 1065 Leu Asn Leu Glu Asn Ser Asn Lys Ser Leu Ser Gly Glu Leu Arg Glu 1075 1080 Val Lys Lys Asp Leu Gly Gln Leu Gln Glu Asn Leu Glu Val Ser Glu 1095 Asn Met Asn Leu Gln Phe Glu Asn Gln Leu Asn Lys Thr Leu Arg Asn 1110 1115 Leu Ser Thr Val Met Asp Asp Ile His Thr Val Leu Lys Lys Asp Asn 1125 1130 Val Lys Ser Glu Asp Arg Asp Glu Lys Ser Lys Glu Asn Gly Ser Gly 1140 1145 Val

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<213> Homo sapiens

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Thr Phe Gly Val Gln Thr Gln Pro Gln Pro Gln Ser Leu Leu Gln Ala
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Gln Ile Ser Ala Ala Ser Ile Thr Pro Leu Leu Gln Thr Gln Pro Gln
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Val Arg Ile Val Ser Gln Pro Gln Pro Ala Arg Arg Leu Asp Pro Pro
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Lys Asp Asp Arg Ser Arg Glu Arg Glu Arg Glu Arg Arg Arg Ser Arg
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                                                365
Glu Arg Glu Arg Ser Pro Arg Arg Val Arg Arg Val Val Pro Arg Tyr
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Thr Val Gln Phe Ser Lys Phe Ser Leu Asp Cys Pro Ser Cys Asp Met
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Met Glu Leu Arg Arg Arg Tyr Gln Asn Leu Tyr Ile Pro Ser Asp Phe
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Phe Asp Ala Gln Phe Thr Trp Val Asp Ala Phe Pro Leu Ser Arg Pro
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Phe Gln Leu Gly Asn Tyr Cys Asn Phe Tyr Val Met His Arg Glu Val
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Glu Ser Leu Glu Lys Asn Met Ala Ile Leu Asp Pro Pro Asp Ala Asp
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His Leu Tyr Ser Ala Lys Val Met Leu Met Ala Ser Pro Ser Met Glu
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Asp Leu Tyr His Lys Ser Cys Ala Leu Ala Glu Asp Pro Gln Glu Leu
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Arg Asp Gly Phe Gln His Pro Ala Arg Leu Val Lys Phe Leu Val Gly
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Met Lys Gly Lys Asp Glu Ala Met Ala Ile Gly Gly His Trp Ser Pro
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Ser Leu Asp Gly Pro Asp Pro Glu Lys Asp Pro Ser Val Leu Ile Lys
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                                            540
Thr Ala Ile Arg Cys Cys Lys Ala Leu Thr Gly Ile Asp Leu Ser Val
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Cys Thr Gln Trp Tyr Arg Phe Ala Glu Ile Arg Tyr His Arg Pro Glu
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Asp Pro Lys Thr Met Lys Val Asn Asp Leu Arg Lys Glu Leu Glu Gly
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Arg Ala Leu Ser Ser Lys Gly Leu Lys Ser Gln Leu Ile Ala Arg Leu
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Thr Lys Gln Leu Lys Val Glu Glu Gln Lys Glu Gln Lys Glu Leu
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Asp Asp Lys Glu Glu Glu Glu Arg Lys Arg Gln Glu Glu Ile Glu Arg
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Gln Arg Arg Glu Arg Arg Tyr Ile Leu Pro Asp Glu Pro Ala Ile Ile
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Val His Pro Asn Trp Ala Ala Lys Ser Gly Lys Phe Asp Cys Ser Ile
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Gln Arg Asp Phe Gly Val Arg Ile Tyr Lys Ser Leu Leu Ser Leu Pro
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Asp Glu Thr Glu Glu Asp Asn Asn Gln Asp Glu Tyr Asp Pro Met Glu
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Thr Lys Arg Asp Asp Lys Arg Asp Ile Asn Arg Tyr Cys Lys Glu Arg
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Pro Ser Lys Asp Lys Glu Lys Glu Lys Thr Gln Met Ile Thr Ile Asn
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Arg Asp Leu Leu Met Ala Phe Val Tyr Phe Asp Gln Ser His Cys Gly
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Tyr Leu Leu Glu Lys Asp Leu Glu Glu Ile Leu Tyr Thr Leu Gly Leu
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His Leu Ser Arg Ala Gln Val Lys Lys Leu Leu Asn Lys Val Val Leu
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Glu Glu Asn Val Gly Leu Ile Val Tyr Asn Gly Ala Met Val Asp Val
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Val Glu Gln Lys Leu Gln Leu Leu Glu Glu Lys Thr Asp Glu Asp Glu
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Lys Thr Ile Leu Asn Leu Glu Asn Ser Asn Lys Ser Leu Ser Gly Glu
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